

AMENDMENT TO THE CLAIMS

Please cancel claims 16-24 without prejudice or disclaimer of the subject matter recited therein. Applicants reserve the right to file one or more divisional applications directed to the subject matter recited in these claims.

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously Presented) A system for pre-processing orders before they are transmitted to an order processing system, comprising:

an order interceptor receiving and pre-processing electronic sales order data prior to transmitting to the order processing system, the order interceptor being capable of adding, changing and deleting electronic sales order data, wherein changes to an electronic sales order are logged so as to provide an audit trail of activity;

an interface system receiving the electronic sales order data from the order interceptor and performing an availability check, wherein the availability check determines the portions of the electronic sales order data that can be satisfied; and

means for transmitting at least a portion of the electronic sales order data to the order processing system for order processing.

2. (Canceled)

3. (Previously Presented) The system of claim 1, wherein the order interceptor comprises:

- means for translating the electronic sales order data to an internal format of the order interceptor;
- means for determining if an availability check is required;
- means for transmitting at least a portion of the electronic sales order data; means for determining if there are any processing problems associated with the electronic sales order data; and
- means for processing the electronic sales order data in accordance with business rules.

4. (Original) The system of claim 1, further comprising a workbench receiving electronic sales order data that contains errors or is incomplete.

5. (Canceled)

6. (Previously Presented) The system of claim 4, wherein the workbench comprises:

- a) means for displaying electronic sales order data that contains errors or is incomplete;
- b) means for displaying error messages associated with the electronic sales order data of step a); and
- c) means for correcting, editing, and updating the at least one database containing electronic sales order data.

7. (Canceled)

8. (Original) The system of claim 6, wherein the workbench further comprises: means for displaying the status of the electronic sales order data;

means for determining if the configuration rules are satisfied; and

means for indicating to the order interceptor that at least a portion of the electronic order data is rejected.

9. (Original) The system of claim 1, further comprising a reject acknowledgment system receiving an indication from the order interceptor that at least a portion of the electronic sales order data has been rejected.

10. (Canceled)

11. (Previously Presented) The system of claim 9, wherein the reject acknowledgment system comprises:

means for updating the at least one database to indicate the portions of the electronic order data that have been rejected.

12. (Canceled)

13. (Previously Presented) The system of claim 11, wherein the reject acknowledgment system further comprises:

means for determining if the electronic sales order data was received via a transmission from the World Wide Web; and

means for updating the at least one database in either an ESO format or an SAP format.

14. (Original) The system of claim 1, wherein the order interceptor receives the electronic sales order data in a standard Electronic Data Interchange (EDI) format.

15. (Original) The order interceptor system of claim 1, wherein the system is an SAP system.

Claims 16-24 (Canceled).

25. (Previously Presented) The order interceptor system of claim 1, wherein the order interceptor determines if any processing problems are present and, if so, creates a workflow item that can be reviewed and modified prior to transmitting to the order processing system.

26. (Previously Presented) The order interceptor system of claim 1, wherein the order interceptor validates an accuracy of the electronic sales order at the different stages prior to transmitting to the order processing system.

27. (Previously Presented) The order interceptor system of claim 1, wherein the order interceptor processes data by customer specific business rules prior to transmitting to the order processing system.

28. (Previously Presented) The order interceptor system of claim 27, wherein the order interceptor ensures all attributes are present and accurate in the electronic sales order prior to transmitting to the order processing system.

29. (Previously Presented) The order interceptor system of claim 1, wherein the order interceptor allows correction of problems in the electronic sales order in a prior to transmitting to the order processing system.

30. (Previously Presented) The order interceptor system of claim 1, wherein the electronic sales order data is a proposed customer order.

31. (Previously Presented) A system for pre-processing orders before they are transmitted to an order processing system, comprising:

an order interceptor receiving and pre-processing electronic sales order data prior to transmitting to the order processing system, wherein pre-processing the electronic sales order includes splitting the electronic sales order into at least two separate requests prior to transmitting to the order processing system;

an interface system receiving the electronic sales order data from the order interceptor and performing an availability check, wherein the availability check determines the portions of the electronic sales order data that can be satisfied; and

means for transmitting at least a portion of the electronic sales order data to the order processing system for order processing.